

## CLAIMS:

1. A method of embedding a watermark in an information signal, wherein the watermark embedding process is controlled by at least one embedding parameter, the value of the embedding parameter being dependent upon the bit-rate of the information signal.
- 5 2. A method as claimed in claim 1, the method further comprising the step of determining the bit-rate of the information signal.
3. A method as claimed in claim 2, wherein information indicative of the bit-rate is encoded in the information signal, the bit-rate being determined by decoding the  
10 information indicative of the bit-rate.
4. A method as claimed in claim 1, wherein the value of the embedding parameter is selected from a predetermined set of values in dependence upon the bit-rate of the information signal.  
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5. A method as claimed in claim 1, wherein at least one of the robustness of the watermark signal and the observability of the watermark signal is dependent upon said embedding parameter.
- 20 6. A method as claimed in claim 1, wherein the value of the embedding parameter determines the watermarking technique utilised to embed the watermark in the information signal.
7. A method as claimed in claim 1, wherein the strength of the watermark is  
25 dependent upon the value of the embedding parameter.
8. An apparatus arranged to embed a watermark in an information signal, the apparatus comprising an embedding means arranged to embed a watermark in the information signal utilising an embedding process controlled by at least one embedding

parameter, the value of the embedding parameter being dependent upon the bit-rate of the information signal.

9. An apparatus as claimed in claim 8, the apparatus further comprising a bit-rate  
5 determining unit arranged to determine the bit rate of the information signal.

10. A watermarked information signal, wherein the original information signal has  
been watermarked by a watermarking process controlled by at least one embedding  
parameter, the value of the embedding parameter having been dependent upon the bit-rate of  
10 the information signal.

11. A record carrier comprising a watermarked information signal as claimed in  
claim 10.

12. A method of detecting a watermark in an information signal, the method  
15 comprising analysing an information signal that may potentially comprise a watermark, so as  
to detect the watermark, the analysing process being dependent upon the bit-rate of the  
information signal.

13. An apparatus for the detection of a watermark in an information signal, the  
20 apparatus comprising analysing means arranged to analyse an information signal that may  
potentially comprise a watermark, so as to detect the watermark, the operation of the  
analysing means being dependent upon the bit-rate of the information signal.

14. A computer program arranged to perform at least one of the method of claim 1  
25 and method of claim 12.

15. A record carrier comprising a computer program as claimed in claim 14.

16. A method of making available for downloading a computer program as  
30 claimed in claim 14.